

IN THE CLAIMS:

Please cancel claim 7. Please also amend claims 1, 2, 4, 5, 9, and 10 as shown in the complete list of claims that is presented below.

1. (Currently Amended) An interactive video data generating system, operable to perform link relations on [[a]] video data selected by [[the]] a user so as to enable interactive broadcasting, the system comprising:

a file document database, storing video data files used as link relations and corresponding relation data documents;

a selection input module, generating an event-triggering signal according to a selection input manipulation from the user to perform selection input manipulation on video data files and display page frames of a video data selection;

a link display module, providing the user with an interface for displaying tables of the video data files, wherein the link display module receives the event-triggering signal to prompt a video data selection item and broadcasts the display page frames and the corresponding relation data documents;

a block defining module, performing a block locating process according to a ~~user's~~ selection input by the user on a display page frame of a video data selection, and creating a link record in a corresponding relation data document of the video data selection; and

a relation generating module, wherein the relation generating module according to a block location information performs a tracking and defining process of similar block locations in following page frames of the video data selection, and adding definition results in corresponding relation data documents.

2. (Currently Amended) The system of claim 1, wherein the event-triggering signal is created ~~at least by means of~~ a sensitive display device or a pointing positioning device.

3. (Original) The system of claim 1, wherein the link display module uses a

hierarchal menu to display the tables of the video data files and the link records of the relation data documents.

4. (Currently Amended) The system of claim 1, further comprising an interactive video-broadcasting interface, wherein the interactive video-broadcasting interface ~~at least~~ comprises a user manipulating area, a video data relation displaying area, and a video-broadcasting area.

5. (Currently Amended) An interactive video data generating method, implemented to perform link relations on ~~[[a]]~~ video data selected by ~~[[the]]~~ a user so as to enable interactive broadcasting, the method comprising:

analyzing a position information of a display page frame from a selected video data;

performing a block locating process in the display page frame, the step of performing a block locating process including:

determining optical flow properties of a block location according to the position information of the display page frame,

generating a block boundary according to the optical flow properties,

performing a block feature extraction, and

performing a clustering process, and creating the block location;

creating a link record of the display page frame, and saving it in a relation data document;

performing a tracking and defining process on following page frames of the video data selection; and

creating ~~[[a]]~~ the relation data document of the video data selection.

6. (Original) The method of claim 5, wherein the position information includes coordinate data obtained from an event-triggering signal created by the manipulation of a sensitive display device or a pointing positioning device.

7. (Cancelled).

8. (Original) The method of claim 5, wherein a link record at least includes page frame data, block data, a link data item, as well as a plurality of corresponding modules of the block data and the link data; wherein the page frame data is either a page frame number or a page frame range, and the link data is either a file or a section.

9. (Currently Amended) The method of claim 5, wherein performing a tracking and defining process on following page frames of the video data selection ~~further comprising~~ comprises:

- reading the block location data;
- tracking the block location in the following page frames;
- finding the block data and resolving the block location data; and
- defining the block location according to the previous link record.

10. (Currently Amended) The method of claim 5, further comprising displaying to the user an interactive video-broadcasting interface having at least a user manipulating area, a video data relation displaying area, and a video-broadcasting area.